

**METHOD AND APPARATUS FOR PREDICTING  
A SIGNALLING CODE CORRESPONDING TO A CODE SPUR**

[30021028 US]

**ABSTRACT**

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The existence of non-linearities in a spread-spectrum communications system can result in a transmitter generating code spurs projecting onto channels used to communicate information symbols between a transmitter and a receiver. The present invention provides a method of predicting at least one signalling code corresponding to at least one respective code spur by performing vector products of signalling codes expressed in a bipolar form to yield a signalling code where a code spur will occur.

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